



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due
PO040152	TWM001-VU	1	1	Net 30	M304TS0.500W.049	Square Tubing : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH				600	6/22/2018	605		S082234	Stock	6/19/2018	\$ 1.60 / ft	0	
		2																	
			M304TR0.500W.035		304 Round Tube .500 X .035W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft					100		100		S082258	Stock	6/19/2018	\$ 1.84 / ft	0	
Total:										700		705							

Plex 6/19/2018 10:10 AM dart.Tollis.Andrew



O'Neal High-Performance Metals Group



**Packing  
Slip**

ORDER NO.: 60658532 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 362.988 REQ.DATE: 06/22/18 CONFIRMED  
 SOLD TO: SHIP TO:  
 DART AEROSPACE LTD DART AEROSPACE LTD  
 1270 ABERDEEN ST 1270 ABERDEEN ST  
 HAWKESBURY ON HAWKESBURY ON  
 CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 06/15/18  
 TERMS: NET 30 DAYS VIA: COMMON CARRIER  
 F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
 CUST ORD NO.: PO040152 RELEASE NO.:  
 RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	STQBO SMLS 304 SQ .500 SQ X .049		240.0000

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	600.000 FT	605.000 FT	605.000 FT	362.988	30

\*\* 1 TEST REPORTS REQUIRED \*\*  
 \*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00  
 PO:60050954 HT 099D PC: 30 CUSTOMER QTY: 605.000 UOM FT  
 MLT:UNITED STATES MFG:UNITED STATES SLB/CL:01052394

BROKERS KUEHNE AND NAGEL LTD

AREA	TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
B	CARTON	2.000	300.000		20.0000	
						CUBIC FT
		2.000	300.000			

BY: CI  
 RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
 PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
 REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



O'Neal High-Performance Metals Group



**Packing  
Slip**

ORDER NO.: 60658532

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820	NET WGT: 362.988	REQ.DATE: 06/22/18	CONFIRMED
SOLD TO:		SHIP TO:	
DART AEROSPACE LTD		DART AEROSPACE LTD	
1270 ABERDEEN ST		1270 ABERDEEN ST	
HAWKESBURY ON		HAWKESBURY ON	
CANADA	CN K6A 1K7	ONTARIO CANADA	CN K6A 1K7

SALESPERSON: DONNA SMALLEY	SHIP BY: 06/15/18
TERMS: NET 30 DAYS	27 ENGLEHARD DRIVE
F.O.B.: SHIPPING POINT	MONROE TWP NJ 08831
CUST ORD NO.: PO040152	
VIA: COMMON CARRIER	
FREIGHT: PREPAID	
RELEASE NO.:	
RECEIVING PHONE:	

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

#### "CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Electronically Generated Certificate-Valid without signature Date: 6/14/18

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL REVIEW.  
<http://www.twmetals.com/invoice-terms.html>

60050954

PHOENIX TUBE COMPANY, INC.  
Manufacturer of Stainless Ornamental and Structural Tubing

## CERTIFICATION OF TEST

Sold To: STAINLESS TUBULAR PRODUCTS  
27 ENGLEHARD DRMONROE TOWNSHIP NJ 08831  
USA

CUSTOMER ORDER#: M 01052394

CUST REF NBR: 05029

DATE SHIPPED: 11/21/16

SIZE: 1/2SQ X 18 GA AW

SOURCE: USA

VENDOR: NAS

Ship To: STAINLESS TUBULAR PRODUCTS  
27 ENGLEHARD DRMONROE TOWNSHIP NJ 08831  
USA

Phone# 8605666

Ext:

ORDER#: 411605

QTY SHIPPED: 3085.0

GRADE: 304L

WELD: HF

HEAT#: 099D

TEST REPORT#: TR013610

Report Date: 08/09/16

## Specification:

ASTM A554-15A

ASTM A240-16

AMS5511H/AMS5513J

T304L/304 DUAL CERTIFIED MT NO WELD REPAIR  
RAW MATERIAL SPEC. RoHS COMPLIANT  
UNS# 30400 / 30403 AISI 304L

EN 10204 2.2

NACE MR0175/MR0103

MERCURY IS NOT USED BY US AS AN ALLOYING MATERIAL NOR IS METALLIC MERCURY HANDLED IN THE VICINITY OF OUR PROCESSING LINES. MATERIAL IS FREE OF MERCURY CONTAMINATION.  
MFG USING ANNEALED AND PICKLED PLATE, SHEET, OR STRIP. MATERIAL IS FULL SOLUTION ANNEALED, AND SHOWS NO CONTINUOUS CARBID PRECIPITATION. MIN SOLUTION ANNEAL TEMP 1900F WATER QUENCHED

## Chemical Analysis

C	MN	P	S	SI	CR	NI	MO	CU	CO	N2	TI
.023	1.71	.023	.015	.24	18.22	8.03	.29	.30	NA	.07	NA

## Physical Analysis

	YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL	Percent RA
RB 84	44010	NA	93810	NA	53	NA

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.  
PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

THIS MATERIAL INCLUDING THE BILLETS, WAS

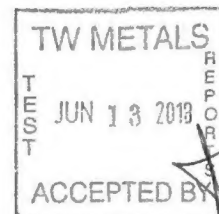
Melted &amp; MFG In USA DFARS 252.225 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept.

*Jane Ferraro*

1185 WIN DR, BETHLEHEM, PA., 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073





27 ENGLEHARD DRIVE  
 MONROE TWP NJ 08831  
 Tel: 609-655-4120  
 FAX: 6096552603

Invoice#: 60658532  
 Cust. PO#: PO040152  
 Incoterms: SHIPPING POINT  
 Frt. Terms: PREPAID  
 Ship Via: COMMON CARRIER

### COMMERCIAL INVOICE

<b>Sold To:</b> DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON CANADA CN K6A 1K7 C  <b>Contact:</b> CHANTAL 16136321053	<b>Invoice Date:</b> 6/14/18
	<b>Ship Date:</b> 6/14/18
	<b>Payment Terms:</b> NET 30 DAYS
	<b>Ship To/Final Destination:</b> DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON ONTARIO CANADA CN K6A 1K7
<b>Freight Forwarder/Intermediate Ship To:</b>	

ITEM#/LINE#	DESCRIPTION	QUANTITY	UNIT	VALUE	SUBTOTAL
STQBO	SMLS 304 SQ .500 SQ X .049	605.000	FT	\$ 1.6000	\$ 968.00
1	STAINLESS STEEL TUBE SQUARE	30.000	PC		
	PART NUMBER:				
	ECCN: 2B999.g				
	NET WGT: 362.988 LBS				
	COUNTRY OF MFG: UNITED STATES				
	QUANTITY AND TYPE OF BOXES:				
	1 CARTON				
	20.0000 X X				
	TOTAL WGT: 300.000 LBS				
	GROSS WGT: 300.000 LBS				
<b>EXPORT LICENSE NUMBER: NLR</b> <b>EXPIRATION DATE: 00/00/00</b>					
TW METALS, LLC CERTIFIES THAT THE COUNTRY OR COUNTRIES OF MANUFACTURE INDICATED ABOVE IS TRUE AND CORRECT AS CONTAINED IN THE RECORDS OF TW METALS, LLC. THESE ITEMS ARE CONTROLLED BY THE U.S. GOVERNMENT AND AUTHORIZED FOR EXPORT ONLY TO THE COUNTRY OF ULTIMATE DESTINATION FOR USE BY THE ULTIMATE CONSIGNEE OR END-USER(S) HEREIN IDENTIFIED. THEY MAY NOT BE RESOLD, TRANSFERRED, OR OTHERWISE DISPOSED OF, TO ANY OTHER COUNTRY OR TO ANY PERSON OTHER THAN THE AUTHORIZED ULTIMATE CONSIGNEE OR END-USER(S), EITHER IN THEIR ORIGINAL FORM OR AFTER BEING INCORPORATED INTO OTHER ITEMS, WITHOUT FIRST OBTAINING APPROVAL FROM THE U.S. GOVERNMENT OR AS OTHERWISE AUTHORIZED BY U.S. LAW AND REGULATIONS.					
Payable in US Dollars				Sales Tax .00 968.00	
Page 1					



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO040152**

**Supplier:** TWM001-VU  
TW Metals  
PO Box 933014  
Atlanta, GA 31193-3014 USA  
Phone: 585 768 5600  
Fax: 585 768 5601

**PO No:** PO040152  
**PO Date:** 6/11/18  
**Due Date:** 6/22/18  
**Purchase Order**  
**Revision:**  
**Revision Date:**  
**Ship-To Contact:** Phone:

**E-MAILED**  
JUN 11 2018

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground  
**Pymt Terms:** Net 30  
**Freight Terms:**  
**Special Comments:**

## **Items**

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	M304TS0.500W.049 <i>AT</i>		Square Tubing : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH	Firmed	6/22/18	600 ft ✓	605 ft 0 ft	600 ft	\$1.60/ft	\$960.00
2	M304TR0.500W.035 <i>AT</i>		304 Round Tube .500 X .035W : MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING AS PER ASTM A213 OR ASME SA213 OR ASTM A269 receive ft	Firmed	6/22/18	100 ft ✓	100 ft 0 ft	100 ft	\$1.8422/ft	\$184.22

**Grand Total: \$1,144.22**

## **Order Notes**

*raid AT 18/06/18*

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 6/11/18 7:57 AM dart.lavoie.chantal

PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

FINISH: ASTM A554 MILL FINISH  
OR ASTM A269 MILL FINISH

PART NUMBER: M304TS | A.AAA W | TTT |  
| WIDTH | WALL |

PART NUMBER: EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

WHERE: A.AAA = WIDTH IN INCHES  
.TTT = WALL THICKNESS IN INCHES

RELEASED  
2014-05-26

D	"SEAMLESS" REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR14-3818)		DB	14.05.20
C	"SEAMLESS" ADDED TO PURCHASE MATERIAL. ASTM A269 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING		AJS	09.10.16
B	DRAWING MOVED TO "B" SIZE BORDER FINISH ADDED (SEE NCR 08-045 FOR DETAILS).		AJS	08.08.28
A	NEW ISSUE		DS	01.06.08
REV.	DESCRIPTION		BY	DATE
DESIGN	DS	DART AEROSPACE LTD		
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA		
CHECKED	DS	DRAWING NO	REV. D	
MFG. APPR.	DS	M304TS	SHEET 1 OF 1	
APPROVED	DS	TITLE	SCALE	
DE APPR.	DS	304/316 SQUARE TUBING	NONE	
DATE	14.05.20		DART AEROSPACE LTD	

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304T50.500W.049

PO / BATCH NO.: D040152/5092234

DATE: 18/09/19

MATERIAL CERT REC'D: Yes

THICKNESS ORDERED: 0.049"

QUANTITY RECEIVED: 6054x

THICKNESS RECEIVED: 0.049"

QUANTITY INSPECTED: 6054x

SHEET SIZE ORDERED: —

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	ASTM A554'
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	099 D
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> <sup>DAS</sup> <u>8</u> <sup>9-88</sup>	SIGNED OFF BY: _____
DATE: <u>18/06/19</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Customer		DART AEROSPACE LTD
PO Number		PO040152 IT 2
TW Order Number		60658531
Customer Number		1203820

## Order Documentation:

- Packing List
- Material Test Report



O'Neal High-Performance Metals Group



# Packing Slip

ORDER NO.: 60658531 FROM: CRAN PAGE 1

CUST NUMBER: 1203820 NET WGT: 17.376 REQ.DATE: 06/22/18 CONFIRMED  
 SOLD TO: SHIP TO:  
 DART AEROSPACE LTD DART AEROSPACE LTD  
 1270 ABERDEEN ST 1270 ABERDEEN ST  
 HAWKESBURY ON HAWKESBURY ON  
 CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 06/15/18  
 TERMS: NET 30 DAYS VIA: COMMON CARRIER  
 F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
 CUST ORD NO.: PO040152 IT 2 RELEASE NO.:  
 RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	36449 SMLS CD 304/L A269 1/2 OD X .035 WA		20' ML

CLN#	ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
	100.000 FT	100.000 FT	100.000 FT	17.376	

\*\* 1 TEST REPORTS REQUIRED \*\*

\*\* 1 CERTS REQUIRED \*\*

ECCN: 2B999.g Export License: NLR Expiration Date: 0/00/00  
 PO:49366890 HT:YX1608590 PC: 5 CUSTOMER QTY: UOM  
 MLT:CHINA MFG:CHINA SLB/CL:7-45

BROKERS KUEHNE AND NAGEL LTD

AREA		TYPE OF PKG		PACK INFO		PKGS		GRS WEIGHT		WIDTH		LENGTH		HGHT	
NEW PEN CARTON				1.000		37.376		3.0000		248.0000		3			
Orders In Package - 1				Box No -		TWPK18019951		CUBIC FT		1.2917					
				1.000		37.376									

BY: Wilfredo Nieves  
 RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

1

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
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O'Neal High-Performance Metals Group



# Packing Slip

ORDER NO.: 60658531

FROM: CRAN

PAGE 2

CUST NUMBER: 1203820 NET WGT: 17.376 REQ.DATE: 06/22/18 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 06/15/18  
TERMS: NET 30 DAYS 27 ENGLEHARD DRIVE  
F.O.B.: SHIPPING POINT MONROE TWP NJ 08831  
CUST ORD NO.: PO040152 IT 2  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

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Electronically Generated Certificate-Valid without signature Date: 6/12/18

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# THANK YOU FOR THIS ORDER

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<http://www.twmetals.com/invoice-terms.html>

## MILL TEST REPORT

Purchaser.: TW METALS-Cranbury				Certificate No.: 2017-8-81					
Contract No.: TWM P.O.No.: M49366890				Date of Issue.: 2017.8.26					
Commodity: Stainless Steel Seamless Tubes				Specifications: ASTM A213-17/ASME SA213-15/ASTM A269-15a EAW					
Process: Cold Drawn				Delivery Condition: OD Polished to 240 Grit					
Steel Grade	Heat Number	Lot Number	Dimensions				Quantity		
							Pieces	Feet	
TP304/TP304L	YX1608-590	7-45	1/2"x0.035"x20'				2500	50,000	
Chemical Composition by Weight (%)									
Element	C	Mn	P	S	Si	Cr	Ni	Mo	Co
Requirements	≤0.035	≤2.00	≤0.045	≤0.030	≤1.00	18.00-20.00	8.00-12.00	-	-
Ladle Analysis	0.017	1.28	0.033	0.002	0.35	18.22	8.06	-	-
Product Analysis	0.022	1.27	0.035	0.004	0.38	18.36	8.09	-	-
Mechanical Properties									
Test Item	Elongation (% in 2")		Tensile Strength (PSI) Rm			Yield Strength (PSI) Rp / 0.2%			
Requirements	≥35		≥75,000			≥30,000			
Test Results	61/62		99,000/100,000			44,000/45,000			
Test Item	Reduction of Area Z (%)	Hardness	Cold Bend Test	Flaring Test	Flattening Test	Flange Test	P.M.I. Test		
Requirements	-	HRB≤80	-	22%	e=0.09	-	-		
Test Results	-	77/79	-	Passed	Passed	-	OK		
Test Item	Eddy Current Test	Air Underwater Pressure Test	Ultrasonic Test	Intergranular Corrosion Test	Macroscopic Inspection				
Requirements	ASTM E 426	-	-	ASTM A262 E	End Cut	Appearance			
Test Results	Passed	-	-	OK	OK	OK			

ISO 9001:2008 Certified by CAS 117 16 QU 0053-06 ROS

PED Certified by SZUTEST 2195-PED-1526002

## Additional Remarks:

- (1) All tubes annealed to above 1900 Deg F and water quenched below 800 Deg F in 3 minutes
- (2) All tubes tested per ASTM A1016-17
- (3) Materials is NACE MR0103-2007 compliant (per Section 2.5)
- (4) Materials is NACE MR0175/ISO 15156-2003 compliant (per Section 4.2.1)
- (5) In Compliance with EN 10204-3.1
- (6) In Compliance with RoHS Stipulation
- (7) No weld repair performed
- (8) Free from mercury contamination
- (9) Free from radioactive contamination
- (10) Billets melt and pipes/tubes manufactured in China
- (11) All tubes 100% PMI tested
- (12) All tubes 100% Eddy Current tested

**CANNOT CERTIFY COMPLIANCE  
FAR BAA / DFARS BAA / FAR TAA**



By:

James Shi

James Shi / Manager

Quality Control Department

TW METALS	
TEST	SEP 19 2017
ACCEPTED	

We hereby certify that this report is true and correct.

Jiangsu Pufa Stainless Steel Tube Co., Ltd.

No. 99, Xuean Middle Road, Dongchen Town, Rugao City, Jiangsu Province, P.R.China



# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SEAMLESS ROUND TUBING

SPECIFICATION:

ASTM A213 OR ASME SA213 OR ASTM A269

WALL THICKNESS TOLERANCE PER ASTM A269 AS FOLLOWS:

OD (IN)	PERMISSIBLE OD TOL (IN)	PERMISSIBLE WALL TOL
UP TO 1/4	±0.005	±15%
1/4 TO 1 1/4 EXCL	±0.005	±10%
1 1/4 TO 3 1/4 EXCL	±0.010	±10%
3 1/4 TO 5 1/4 EXCL	±0.015	±10%
5 1/4 TO 8 EXCL	±0.030	±10%

PART NUMBER

M304TR0.DDD|W|TTT  
OD | WALL

WHERE "D.DDD" = OUTSIDE DIAMETER IN INCHES  
AND "TTT" = WALL THICKNESS IN INCHES

EG. 0.375" OD X 0.065" WALL TUBING = M304TR0 375W.065

RELEASED  
R 08/10/20

B	REFORMAT DWG. ACC. SPECS (7N DB-1).	CP	08.10.20
A	REF PART OF 420A	DS	01.06.08
REV	NEW ISSUE	BY	DATE
DESIGN	DART AEROSPACE LTD		
DRAWN	HAWKESBURY, ONTARIO, CANADA		
CHECKED	DRAWING NO	REV. B	
MFG. APPR	M304TR	SHEET 1 OF 1	
APPROVED	TITLE	SCALE	
DE APPR	304/316 ROUND TUBING	NTS	
DATE	08.10.20	CONTINUED - 2301 BY DART AEROSPACE LTD	

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304 TP. 500W. 035  
 DATE: 18/06/19

PO / BATCH NO.: PO040152/S082258

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 100st  
 QUANTITY INSPECTED: 100st  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.035"  
 THICKNESS RECEIVED: 0.035"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	ASTM A 213
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	H 7:PX1608590
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/06/19</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in